

THE
Canadian Society of Civil Engineers.

(Established Feb. 24, 1887. Incorporated by Dominion Act, June 23rd, 1887.)

50 VICT. CAP. 124.

MONTREAL.

CHARTER, BY-LAWS

AND

LIST OF MEMBERS.

MONTREAL:

PRINTED FOR THE SOCIETY,

By JOHN LOVELL & SON, ST. NICHOLAS STREET.

1888.

UNIVERSITY OF VICTORIA
LIBRARY
Victoria, B. C.

CONTENTS.

	PAGE
CHARTER.....	3
BY-LAWS.....	4
LIST OF MEMBERS.....	17
LIST OF ASSOCIATE MEMBERS.....	24
LIST OF ASSOCIATES.....	27
LIST OF STUDENTS.....	28
APPENDIX TO THE BY-LAWS.....	31

W
se
pe
po
ety
to
kn
pr
has
and
bra
pro
of t
the
of t

Tor
tre
for
Kee
Lun
Per
Pete
Nov
Sch

CHARTER

OF

The Canadian Society of Civil Engineers.

(INCORPORATED JUNE 23RD, 1887.)

PAGE
... 3
... 4
... 17
... 24
... 27
... 28
... 31

WHEREAS the persons hereinafter named have, by petition, set forth that it is desirable that they, together with such other persons as may be hereafter associated with them, be incorporated into a society, by the name of "The Canadian Society of Civil Engineers," having for its objects and purposes to facilitate the acquirement and interchange of professional knowledge among its members, and more particularly to promote the acquisition of that species of knowledge which has special reference to the profession of civil engineering, and further to encourage investigation in connection with all branches and departments of knowledge connected with the profession; and whereas it is expedient to grant the prayer of the said petitioners: Therefore Her Majesty, by and with the advice and consent of the Senate and House of Commons of Canada, enacts as follows:—

1. Thomas C. Keefer, Ottawa; Casimir S. Gzowski, Toronto; John Kennedy, Montreal; Henry T. Bovey, Montreal; Frederick N. Gisborne, Ottawa; Edmund P. Hannaford, Montreal; William T. Jennings, London; Samuel Keefer, Brockville; Louis Lesage, Montreal; Hugh D. Lumsden, Toronto; Allan Macdougall, Toronto; Henry F. Perley, Ottawa; Hurd Peters, St. John, New Brunswick; Peter A. Peterson, Montreal; Henry S. Poole, Stellarton, Nova Scotia; Henry N. Ruttan, Winnipeg; Collingwood Schreiber, Ottawa; Percival W. St. George, Montreal; and

Charter of the Canadian Society of Civil Engineers.

Herbert Wallis, Montreal, and all other persons who may hereafter be associated with them, shall be and they are hereby constituted a body politic and corporate, under the name of "The Canadian Society of Civil Engineers."

2. The said Society shall have power to acquire and hold all lands and property necessary and required, in order to carry out the objects and purposes for which incorporation is sought, provided that the annual value of the real estate, held at any one time for the actual use of the Society, shall not exceed five thousand dollars; and the said Society shall also have power to sue and be sued, and implead in their corporate name; to make and pass regulations and by-laws for the direction and management of the said Society, including all rules that may be deemed necessary for the maintenance of the honour and dignity of the profession.

3. The said Society shall be governed by a president, vice-presidents and council, to be constituted in such manner as may be provided by the by-laws hereafter to be made, and the persons named in the first section shall constitute such council, until such appointments are made.

4. A meeting of the said council shall be held within six months after the incorporation of the society, for organization, making by-laws, the election of officers and the transaction of any other business that may arise.

5. The head office of the Society shall be in the City of Montreal, or in such other place as may from time to time be determined by a vote of two-thirds of the members of the Society.

BY-LAWS

OF

The Canadian Society of Civil Engineers.

NAME, OBJECTS AND CONSTITUTION.

1. This Society shall be called "THE CANADIAN SOCIETY OF CIVIL ENGINEERS," and be designated by the letters "CAN. SOC. C. E."

2. The objects of this Society shall be, (1) to facilitate the acquirement and interchange of professional knowledge among its members, and (2) to encourage original investigation.

3. The term "Civil Engineer," as used in this Society, shall mean all who are or who have been engaged in the designing or construction of railways, canals, harbours, light-houses, bridges, roads, river improvements and other hydraulic works, sanitary, electrical, mining, mechanical or military works, in the study and practice of navigation by water or air, or in the directing of the great sources of power in nature for the use and convenience of man.

4. The corporate Society shall consist of all those persons who had been admitted previous to its incorporation, together with all those who may be admitted hereafter. They shall be classified as Honorary Members, Members, Associate Members, Associates, and Students. Honorary Members shall not be subject to fees or dues, but shall not be entitled to vote. Associates and Students shall possess all the rights and privileges of Members or Associate Members, except the right to vote or to hold office.

5. Any Honorary Member, Member, Associate Member, Associate or Student, having occasion to designate himself as belonging to the Society, shall state the class to which he belongs, according to the following abbreviated forms:—
Hon. M. Can. Soc. C. E., M. Can. Soc. C. E., A. M. Can. Soc. C. E., A. Can. Soc. . CE., Stud. Can. Soc. . E.

6 *By-Laws of the Canadian Society of Civil Engineers.*

OFFICERS.

6. The Officers of the Society shall consist of a President, three Vice-Presidents, Treasurer, Secretary, Librarian, and fifteen Councillors, of whom not more than three may be Associate Members.

At the annual general meeting a committee shall be appointed, composed of *five* corporate members (neither officers nor candidates for office), whose duty it shall be to select the names of such members as in its opinion are best qualified to fill the offices of President, Vice-Presidents, Treasurer, Secretary, Librarian, and Members of Council for the ensuing year, and who shall signify to the Committee their willingness to accept their several nominations. Such names shall be forwarded to the Council, not later than the first day of the following November, and thereupon a copy of the list of the names shall be sent to each member of the Society for his guidance in voting. The Chairman of the Committee shall be resident at the headquarters of the Society.

7. The Officers shall be elected by a majority of votes taken by sealed letter ballot. This ballot shall be opened and declared at the annual meeting.

If in the ballot, taken for the purpose of filling any specific office, it should appear that no one person had obtained a majority of the whole votes cast, the meeting shall proceed to vote by ballot in the usual way for the filling of such office, the choice of candidates being limited to the two persons who had previously obtained the greatest number of votes in connection with the said office. In case three or more persons shall equally have received the highest number of votes, the choice shall be made from amongst them by ballot.

8. The President, or in his absence, one of the Vice-Presidents, shall preside at all meetings of the Society. In the event of the absence of the President and of all the Vice-Presidents, the meeting may select any member as chairman, the preference being always given to a member of Council.

9. The Secretary shall keep an accurate record of the transactions of the Society, and of the Council. He shall also keep a correct roll of members' names, with their addresses and the dates of their admission. He shall conduct the correspondence of the Society, and shall give notice of all meetings.

10. The Treasurer shall have charge of the funds of the Society, and shall receive all money, pay all accounts and orders approved of by the President, or by the Chairman of the Finance or of the Library Committees. He shall also deposit and invest the funds of the Society in its name, and always with the approval of the Council. All accounts exceeding \$10 shall be paid in cheques, which shall be signed by the Treasurer and countersigned by two members of the Finance Committee.

11. The Librarian shall take charge of the Library of the Society, and shall mark all books with the name of the Society, number, and record them in a catalogue. He shall conform to such regulations as may be prescribed by the Library Committee.

COUNCIL.

12. There shall be a Council consisting of the President, Vice-Presidents, Secretary, Treasurer, and Councillors, and of this Council five shall constitute a quorum. The duties of the Council shall be—to have a general supervision of the affairs of the Society, to prepare by-laws, to approve and classify candidates before submitting their names to ballot to fill up vacancies as they occur amongst its members, to apply the funds in the treasury, to recommend the amount of appropriations for specific purposes, and to present a report, at the annual meeting, on the affairs of the Society, embracing the report of the Treasurer. In no case shall the Council incur any expenditure for salaried officers or for extraordinary purposes, unless previously authorized to do so at the annual meeting or at a special general meeting.

The Council shall meet as often as the business of the Society may require.

8 *By-Laws of the Canadian Society of Civil Engineers.*

13: The Council shall meet within one week after its election, and shall appoint, 1st, a Standing Committee of five on Finance, which shall have supervision of the accounts of the Society, shall audit the books of the Treasurer, and shall certify to his annual report; 2nd, a Library Committee of five, which shall have supervision of the rooms, printing, and library of the Society, shall edit the Transactions, and shall apply to the purchase of books or other articles of permanent value to the Society such sums as may be granted for that purpose.

QUALIFICATIONS FOR ELECTION.

14. Honorary Members shall be distinguished men, who, by virtue of their position, may be able to further the objects of the Society, or who may be eminent in engineering or kindred sciences, but who are not engaged in the practice of engineering in Canada.

15. Every candidate for election as Member must be at least twenty-five years of age, and must have been engaged in some branch of engineering for at least ten years, which period may include apprenticeship, or pupilage in a qualified engineer's office, or a term of instruction in some school of engineering recognized by the Council. The term of ten years will be reduced to eight years in the case of any candidate who has graduated with honours in his engineering course. In every case the candidate must have had responsible charge of work as a Resident or Superintending Engineer, or must have held a position of equivalent professional responsibility, for at least five years; and this not merely as a skilled workman but as an engineer qualified to design and direct engineering works.

16. Every candidate for election as Associate Member must have been engaged in some branch of engineering for at least five years, which period shall include apprenticeship or pupilage in a qualified engineer's office, or a term of instruction in some school of engineering recognized by the

Council. In every case the candidate must have held a responsible position for at least two years in designing or directing engineering works.

17. Every candidate for election as Associate shall be one who is not a Civil Engineer by profession, but whose pursuits, scientific acquirements or practical experience, qualify him to co-operate with Engineers in the advancement of professional knowledge.

18. Every candidate for election as Student must be at least sixteen years of age, and must present a certificate of having successfully passed an examination, equivalent to the final examination of a High School, or to the matriculation examination of an Arts or Science course, and must be pursuing a recognized course of instruction in some branch of engineering, or be receiving a practical training in the profession. He shall not remain in the class of students more than nine years.

MANNER OF ELECTION.

19. Honorary Members must be nominated by a unanimous vote of the Council, one month's notice having been given to the members of the said Council of the names of the nominees, and of the meeting at which it is proposed to make the nomination. The election of Honorary Members shall be by vote of the Members of the Society, given in the same manner as in the election of members. The number of Honorary Members shall not, at any one time, exceed twenty.

20. The Secretary shall notify by letter the honorary member of his election, and shall request him to notify the Society of his acceptance of the same within six months. Without such acceptance his election will be cancelled.

21. Proposals for admission to the Society as Member, Associate Member or Associate, (Form A in the appendix) or for transfer from one class to a higher, (Form B in the

10 *By-Laws of the Canadian Society of Civil Engineers.*

appendix) shall be endorsed by at least five members, who shall certify that they personally know the candidate, and that he is worthy of acceptance or promotion. The proposal shall contain a statement, over the candidate's signature, of his age, residence, and the nature and term of his professional service, also an agreement to conform to the regulations of the Society if elected or promoted. The proposals for Students shall be signed by the applicant, and endorsed by one Member.

In the elections for any class or for promotion, Members shall vote by letter ballot in the usual way, and such ballot shall be taken at the first ordinary meeting, held after the lapse of at least twenty-five days from the date of mailing the notification. Ten negative votes shall exclude a candidate. In such case of non-election, no record of the transaction shall be kept.

22. On the election of a candidate, he shall be immediately notified by the Secretary (Form C in the Appendix). On receipt of the notification he must subscribe to the Constitution and By-Laws (in the terms set forth in Form D in the Appendix), and pay to the Treasurer the regular fees (see Article 24) before he can be entitled to receive his certificate of membership. If this be not done within six months from the date of the notification of the election, he shall cease to be a member. Membership shall date from the day of election.

DUES.

23. Members, Associate Members, Associates and Students, who reside within 50 miles of headquarters, shall be deemed resident; those who reside beyond the limit of 50 miles shall be deemed non-resident.

24. Each resident Member shall pay \$8.00, and each non-resident Member \$6.00, per annum. Each resident Associate Member shall pay \$6.00, and each non-resident Associate Member \$4.00 per annum. Each Associate shall pay \$8.00 per annum. Each Student shall pay one dollar per annum.

By-Laws of the Canadian Society of Civil Engineers. 11

N. B.—It has been decided by a vote of the Society that the annual fees commencing with the 1st January, 1889, shall be as follows:—

Each resident Member shall pay \$10.00, and each non-resident Member \$8.00, per annum. Each resident Associate Member shall pay \$8.00, and each non-resident Associate Member \$6.00, per annum. Each Associate shall pay \$10.00 per annum. Each Student shall pay \$2.00 per annum.

25. Every person admitted to the Society shall be liable for all dues, until he shall have signified to the Secretary, in writing, his desire to withdraw, when, if his dues have been fully paid up, his name will be erased from the list of membership.

26. No person in arrears shall be allowed to vote until all such arrears are paid, and any person admitted into the Society, who shall refuse to pay any dues, or who shall neglect the same for six months, after notice thereof shall have been issued (Form C, in the Appendix), may, by a vote of the Council, be struck off from the roll of membership.

27. All annual subscriptions shall become due on the first day of January in each year, for the year then commencing, and must be paid before the 1st of April of that year. It shall be the duty of the Secretary to notify each member of the amount due for the ensuing year, at the time of giving notice of the annual meeting.

28. The amount of the annual dues, to be paid for the support of the Society, may be changed from time to time at the annual general meeting of the Society, provided that notice of intended action thereon shall have been given to the members, two months previously, by circular. No alteration in the amount of said fees shall apply to the fiscal year during which it is made, but shall take effect on and after the first day of January next succeeding the date of such alteration. Those who become resident or non-resident by removal of residence shall be subject to the dues of the class to which they belong at the date of the annual meeting, as may be shewn by the records of the Society, or by a written notice to the Secretary.

12 *By-Laws of the Canadian Society of Civil Engineers.*

29. The Council may, for sufficient cause, exempt from payment of annual dues any member distinguished in his professional career, who from ill health, advanced age, or for other good reason assigned, does not continue to carry on a lucrative practice, and is unable to pay such dues. The Council may remit the whole or part of any arrears, or accept, in lieu thereof, desirable additions to the library and museum.

EXPULSION.

30. Upon the request of ten or more members, that, for causes specified, a person belonging to the Society should be expelled, the Council shall consider the matter, and, if there be sufficient reason, shall advise the accused that his resignation will be accepted. He may, upon demand, receive a copy of the charges against him, and present a written defence. Two months after such action on his part, the Council shall finally consider the case, and, if resignation has not been tendered, or a satisfactory defence made, will then notify the member that he will be expelled in one month, unless he elects to appeal from this decision. Appeals shall be voted on by the Society by letter ballot, and the Council shall notify the accused and the Society of the result. In case no appeal is made, the Council shall expel the accused, and notify him and the Society of the same, and such notification shall in any event be the only notice, public or private, taken of the matter.

BRANCHES.

31. A local Branch of the Society may be established under the authority of the Council, at the request of not fewer than ten members, who are desirous of forming themselves into such local Branch, in any place not less than one hundred miles distant from the headquarters of the Society, or from any existing branch. The establishment of a Branch shall not release members from any of their obligations to the Society, whether as regards or fees membership in any class

32. Local Branches, although formed strictly of members of the Society, may be distinguished by the name of their locality, as for example "The.....Branch of the Canadian Society of Civil Engineers."

33. The officers of local Branches shall be a Chairman and Secretary-Treasurer, who shall be elected by the members of the Branch.

34. All classes of members of local Branches must be elected by the Society in the usual way, and shall enjoy the privileges, and shall be subject to all the conditions of resident or non-resident members of the Society in their respective classes (see Clauses 14 to 18), and in no case shall their numbers be added to locally or otherwise than in the regularly prescribed way.

35. Members of a local Branch shall pay to the Society the fees of a resident member of the Society, and the Society shall remit to the Branch, on application of the Secretary-Treasurer, the difference between a resident and non-resident's fees. The Society shall not be liable for any expenses incurred by a Branch.

36. The regular meetings in all Branches shall be held on the same date as the corresponding meetings of the Society at headquarters.

37. In by-laws, rules of order, &c., and in particulars not specially referred to, the Branches shall conform to the methods and rules adopted by the Society.

MEETINGS.

38. The meetings of the Society shall be as follows :—

(A). The Annual Meeting of the Society for the election of Officers shall be held on the second Tuesday in January or on such other day as the Council may direct. The Council shall lay before the meeting a report of the standing of the Society with a statement by the Treasurer, verified by the Committee on Finance, of the funds of the Society, and the

14 *By-Laws of the Canadian Society of Civil Engineers.*

receipts and payments during the year ended on the 31st December preceeding. At such annual meetings, fifteen voting members shall constitute a quorum. A notice of twenty-one days shall be required for an annual meeting.

(B). Special General Meetings of the Society may be called, by order of the Council, for the transaction of special business. The quorum at a special General Meeting shall be fifteen.

A notice of twenty-one days shall be required for a special General Meeting.

(C). Ordinary Meetings of the Society shall be held at eight o'clock in the evening, on every alternate Thursday during the months of October, November, December, January, February, March, April, May and June, commencing with the second Thursday in October, but it shall be in the power of an ordinary meeting to make such changes in these dates as may be deemed advisable.

The business of an ordinary meeting shall be transacted as nearly as possible in the following order :—

(a). The minutes of the preceeding meeting to be read, approved, and signed by the Chairman and Secretary.

(b). Business arising out of the minutes to be discussed.

(c). Candidates for membership to be balloted for.

(d). Candidates for admission into the Society to be announced.

(e). Communications from the Council to be considered.

(f). New business to be proposed.

(g). Original papers to be read and discussed.

(D). Students' meetings shall be held at eight o'clock in the evening, at such dates as shall be determined by the Council, and of which due notice shall be given.

PAPERS.

39. All papers shall be forwarded to the Secretary of the Society, when they will be examined by the Council, and if deemed of sufficient interest, copies shall be made and sent to every Branch of the Society. Such papers shall be read

By-Laws of the Canadian Society of Civil Engineers. 15

and presented for discussion at all Branches, at the same time as at the headquarters of the Society, or as soon thereafter as may be practicable. A report of the discussion at the Branches shall be forwarded to the Secretary of the Society within one week after the date fixed for the reading by the Society.

40. The papers shall be the property of the Society, and no publication of any papers or discussion shall be made, except *by the Society*, or under its express permission.

AMENDMENTS.

41. These by-laws may be added to or amended by a vote taken at the annual meeting, provided that notice of the proposed change shall have been given at least two months previously. The voting shall be by sealed letter ballot to be returned on or before the date of the said meeting, and not less than two-thirds of the votes cast shall be required to effect any change.

LI

1887

LIST OF MEMBERS OF THE CANADIAN SOCIETY OF CIVIL ENGINEERS.

1888.

Names of deceased Members are in italics.

MEMBERS.

(M. CAN. SOC. C.E.)

1887 Jan. 20.	ABBOTT, J.,	.. .. .	Windsor Hotel, Montreal.
"	ANDERSON, W. P.,	.. .. .	Dept. of Marine, Ottawa.
"	ARMSTRONG, H. W. D.,	.. .. .	Alexandria, O.
"	ARMOUR, R.,	.. .. .	Hamilton, O.
	AYLMER, J. A.,	.. .. .	Peterborough, C.
	ARMSTRONG, J. S.,	.. .. .	St. John, N.B.
Feb. 3.	ABBOTT, H.,	.. .. .	Port Moody, B.C.
	<i>(Member of Council.)</i>		
" 24.	ARMOUR, J. F.,	.. .. .	Hamilton, O.
Apr. 28.	ATKINSON, R.,	.. .. .	171 St. André St., Montreal.
June 25.	ARNOLD, J. R.,	.. .. .	Dept. Pub. Wks., Ottawa.
Nov. 11.	ARCHIBALD, P. S.,	.. .. .	Moncton, N.B.

Jan. 20.	BARBER, J. H.,	.. .. .	London, O.
"	BARNETT, J. D.,	.. .. .	Port Hope, O.
"	BEAUDRY, J. A. U.,	.. .. .	126 St. James St., Montreal.
"	BECKWITH, A. J.,	.. .. .	Fredericton, N.B.
"	BOSWELL, St. G., B.A.Sc.,	.. .. .	130 Anne St., Quebec.
"	BOVEY, H. T., Prof., M.A.,	.. .. .	McGill Coll., Montreal.
	<i>(Secretary.)</i>		
"	BRITAIN, A.,	.. .. .	City Hall, Montreal.
"	BUTLER, W. R., Prof., M.A.,	.. .. .	King's Coll., Windsor, N.S.
"	BUTLER, M. J.,	.. .. .	Colorado Springs, Col. U.S.
Feb. 3.	BARTLETT, J. H.,	.. .. .	151 St. James St., Montreal.
"	" BROWN, F. R. F.,	.. .. .	C.P.R., Montreal.
	<i>(Member of Council.)</i>		
"	" BLACKWELL, K.,	.. .. .	893 Sherbrooke St., Montreal.
" 24.	BARLOW, J. R.,	.. .. .	City Hall, Montreal.
"	" BAILLARGÉ, C. P., F.R.S.C.	.. .. .	Quebec.
"	" BAILLARGÉ, G. F.,	.. .. .	Dept. Pub. Wks., Ottawa.
"	" BERRYMAN, E.,	.. .. .	238 St. Martin St., Montreal.
"	" BLAICKLOCK, M. S.,	.. .. .	G. T. Ry., Montreal.
"	" BEEVOR, A. F.,	.. .. .	G. T. Ry., Montreal.
"	" BELCHER, J. E.,	.. .. .	Peterborough.
"	" BRUSH, G. S.,	.. .. .	Eagle Foundry, Montreal.

1887	Feb. 24.	BOLLAND, P. J.,	.. .. .	G. T. Ry., Montreal.	1887
	"	Boug, R.,	.. .. .		
	Mar. 12.	BAYNE, G. A.,	.. .. .	Winnipeg, Man.	
	June 9.	BOLGER, T. O.,	.. .. .	Kingston, O.	
	"	BURCHELL, H. C.,	.. .. .	St. John, Newfoundland.	
	" 25.	BREEN, T.,	.. .. .	Dept. Pub. Wks., Ottawa.	
	Sept. 17.	BELL, J. A.,	.. .. .	St. Thomas, O.	
1887	Jan. 20.	CADMAN, J.,	.. .. .	Quebec.	1887
	"	CARRE, H.,	.. .. .	Brockville, O.	
	"	CRAWFORD, W.,	.. .. .	P.O. Box 40, Sault St. Marie.	
	"	CIMON, S.,	.. .. .	Murray Bay, Q.	
	"	COSTE, L.,	.. .. .	Dep. Pub. Wks., Ottawa.	
	Feb. 3.	CUNNINGHAM, G. C.,	.. .. .	South Stukely.	
	" 24.	CHAPMAN, C. H.,	.. .. .	30 Brunswick av, Toronto.	
	"	CAME, F. E.,	.. .. .	Dom Bridge Co., Lachine.	
	"	COLLINS, J. J.,	.. .. .	Ottawa.	
	June 9.	CHIPMAN, W., B.A.Sc.,	.. .. .	Brockville.	
	" 25.	CLEMENT, L. M.,	.. .. .	1013 Central Av., Oakland, Cal.	
	Nov. 11.	COOKE, A. W.,	.. .. .	234 Dearborn Av., Chicago, Ill.	
	"	CHANDLER, J. W.,	.. .. .	Halifax, N.S.	
	Dec. 1.	CARSON, W.,	.. .. .	Warrington, England.	
1888	Jan. 6.	CUSHING, R. H.,	.. .. .	River John, N.S.	
	Feb. 9.	CLARKE, R.,	.. .. .	G.T.Ry., Stratford, O.	
	"	CAMBE, H. J.,	.. .. .	Vancouver, B.C.	
1887	Jan. 20.	DAVY, R. A.,	.. .. .	Fraserville, Q.	1887
	"	DENIEL, E.,	.. .. .	162 St. James St., Montreal.	
	"	DOMVILLE, C. K.,	.. .. .	Hamilton, O.	
	"	DODWELL, C. E., B.E.,	.. .. .	1431 Dorchester St., Montreal.	
	"	DRUMMOND, G. A.,	.. .. .	864 Sherbrooke St., Montreal.	
	Feb. 24.	DRURY, E. H.,	.. .. .	Monson, Me., U.S.	
	"	DAWSON, W. B., M.A.E.,	.. .. .	243 University St., Montreal.	
	Apr. 14.	DYER, J.,	.. .. .	363 St. Antoine St., Montreal.	
A.M. Feb. 24 }		DUFFY, A.,	.. .. .	Sydney (N.), C.B.	
M. " Apr. 14 }					
	June 9.	DONKIN, H.,	.. .. .	Port Hawkesbury, N.S.	
	"	DOUCET, A. E.,	.. .. .	Port Hawkesbury, N.S.	
1888	Jan. 6.	DICKEY, J. A.,	.. .. .	Amherst, N.S.	
1887	Feb. 24.	EVANS, E. A.,	.. .. .	Fort Coulonge, Q.	F
	"	EVANS, J. D.,	.. .. .	Trenton, O.	

1887 Jan. 20.	FELLOWS, G. R., ...	121 Nepean St., Ottawa.
" "	FORSYTH, R., ...	130 Bleury St., Montreal.
" "	FOWLER, Z. J., ...	Metapedia, Q.
Feb. 3.	FRANKS, C. B., ...	Hamilton, O.
" "	FIRTH, C., ...	C.P.Ry., Montreal.
Apr. 28.	FOSTER, P. L., B.A.Sc., ...	Leadville, Col.
Sept. 17.	FLEMING, R. P., ...	Standard Buildings, Montreal

1887 Jan. 20.	GALBRAITH, PROF. J., M.A., ..	University College, Toronto.
" "	GAMBLE, F. C., ...	Pub. Wks. Dep., Victoria.B.C.
" "	GARDEN, G. H., ...	St. Jerome, Q.
" "	GILBERT, E. E., ...	Can. Engine Wks., Montreal.
" "	GILBERT, F., ...	Can. Engine Wks., Montreal.
" "	GISBORNE, F. N., F.R.S.C., ..	Gov. Tel. Service, Ottawa.
	<i>(Member of Council).</i>	
" "	GRAY, H. A., ...	Dep. Pub. Wks., Ottawa.
	<i>Guerin, T.</i>	
" "	GZOWSKI, C. S., ...	Toronto, O.
	<i>(Vice-President).</i>	
" "	GIBSON, P. S., ...	Willowdale, Co. York, O.
Feb. 3.	GILBERT, W. W., ...	Can. Engine Wks., Montreal.
May 12.	GOWER, W. E., ...	76 Union Av., Montreal.
June 9.	GRANT, P., ...	Grand Narrows (N.) C.B.
Nov. 11	GAUVREAU, N. B., ...	New Westminster, B. C.
" "	GILPIN, E. Jr., ...	Halifax, N. S.

1887 Jan. 20.	HAMEL, F. M., ...	Dep. Pub. Wks., Ottawa.
" "	HANNAFORD, E. P., ...	G.T.Ry., Montreal.
	<i>(Vice-President).</i>	
	<i>Harrington, T. W.</i>	
" "	HARRIS, PROF. R. C., ...	Royal Mil. Coll., Kingston, O.
" "	HENDERSON, G. G., ...	Smith's Falls, O.
" "	HENSHAW, G. H., ...	45 Victoria St., Montreal.
" "	HOARE, E. A., ...	93 St. Peter St., Quebec.
" "	HOBBSON, J., ...	Hamilton, O.
	<i>(Member of Council).</i>	
" "	HILLMAN, T. E., ...	Box 512, Sarnia, O.
" "	HOLLAND, G., ...	G.T.Ry., Montreal.
" "	HYNDMAN, P. K., ...	Dep. of Railways, Ottawa.
" "	HOWARD, S., ...	C.P.Ry., Montreal.
Feb. 3.	HILL, A. J., M.A., ...	New Westminster, B.C.
" 24.	HAY, T. A., ...	Peterborough, O.
" "	HARKOM, J. W., ...	Richmond, Q.

List of Members of

1887	Apr. 14.	HERSEY, J. R.,	.. .. .	91 St. Peter St.	
	" 28.	HIBBARD, F. A.,	.. .. .	St. Armand Station, Q.	
	June 25.	HILL, A.E.B., B.A.Sc.	.. .. .	New Westminster, B. C.	1887
	Dec. 1.	HOLGATE, H.,	.. .. .	Toronto, O.	
1888	Feb. 9.	HARRIS, W. D.,	.. .. .	Ottawa.	
	"	HOLLINSHEAD, H.N.B.,	.. .. .	Cobourg, O.	
1887	Jan. 20.	JENNINGS, W. T.,	.. .. .	110 King St., Toronto, O.	
		<i>(Member of Council).</i>			
	Feb. 24.	JOHNSON, E. V.,	.. .. .	Dep. of Railways, Ottawa.	
	Jan. 20.	KEEFER, T. C., C.M.G.,		Ottawa.	
		<i>(Past-President).</i>			
	"	KEEFER, S.,	.. .. .	Brockville, O.	
		<i>(President).</i>			
	"	KEEFER, C. H.,	.. .. .	Perth, O.	1888
	"	KENNEDY, J.,	.. .. .	Harbour Office, Montreal.	
		<i>(Member of Council).</i>			
	"	KILLALY, H.,	.. .. .	Morrisburg, O.	1887
	"	KINGSFORD, W.,	.. .. .	Ottawa.	
	Feb. 3.	KEEFER, G. A.,	.. .. .	Victoria, B.C.	
	"	<i>Keefer, H.,</i>	.. .. .		
	" 24.	KENNEDY, W., Jun.	.. .. .	Owen Sound, O.	
	Oct. 16.	KETCHUM, H.G.C.,	.. .. .	Sackville. N.B.	
1887	Jan. 20.	LA VALLEE, F. B.,	.. .. .	City Hall, Montreal.	
	"	LAFLEUR, E.,	.. .. .	Dep. Pub. Wks., Ottawa.	
	"	LAWRIE, W. H.,	.. .. .	163 St. Hubert St., Montreal.	
	"	LESAGE, L.,	.. .. .	City Hall, Montreal.	
		<i>(Member of Council).</i>			
	"	LEDUC, D.,	.. .. .	Carleton, Q.	
	"	LUMSDEN, H. D.,	.. .. .	C.P.Ry., Sherbrooke.	
	May 12.	LYNCH, F. J.,	.. .. .	Dep. of Rys. & Canals, Ottawa.	
1888	Jan. 6.	LAWSON, A. J.,	.. .. .	St. Sacrament St., Montreal.	
	Feb. 9.	LLOYD, T. Y.,	.. .. .	Melbourne, Q.	
1887	Jan. 20.	MONROE, T.,	.. .. .	St. Catharines, O.	
	"	MOUNTAIN, G. A.,	.. .. .	Can. At. Ry., Ottawa.	

1887 Jan. 20.	MURDOCH, W.,	.. .. .	Port Arthur, O.
"	MACDOUGAL, A.,	.. .. .	City Hall, Toronto.
	<i>(Member of Council).</i>		
"	MASSEY, G. H., B. E.,	.. .. .	C.P.Ry., Montreal.
Feb. 3.	MATHERSON, W. G.,	.. .. .	New Glasgow, N.S.
"	MEADOWS, J., B. E.,	.. .. .	510 Ontario St., Toronto.
"	MURPHY, M.,	.. .. .	Halifax, N.S.
	<i>(Member of Council).</i>		
"	MIDDLETON, T.,	.. .. .	Jubilee Av., Montreal.
" 24.	MILLER, F. F., B.A.Sc.	.. .. .	Napanee, O.
"	MOFFATT, J. W., B.A.Sc.	.. .. .	C.P.R., Sault Ste. Marie, O.
"	MACKLIN, J. G.,	.. .. .	Peterborough, O.
May 12.	MARCEAU, E.,	.. .. .	48 Sparks St., Ottawa.
June 9.	METCALFE, C. P.,	.. .. .	Dom. Bridge Works, Lachine.
" 25.	MOLESWORTH, B. N.,	.. .. .	St. Catharines, O.
Nov. 11.	MACKENZIE, W. B.,	.. .. .	Moncton, N.B.
"	MILLIDGE, E. G.,	.. .. .	Antigonish, N.S.
"	MITCHELL, W. C.,	.. .. .	238 Fuller St., St. Paul, U.S.
1888 Feb. 9.	MOHUN, E.,	.. .. .	Vancouver, B.C.

1887 Jan. 20.	MACLEOD, H. A. F.,	.. .. .	340 Cooper St., Ottawa.
	<i>(Member of Council).</i>		
"	MCLEOD, C. H., PROF., M.A.E.,	.. .. .	McGill Coll., Montreal.
"	MACPHERSON, D.,	.. .. .	C. P. Ry., Montreal.
"	MCCONNELL, B. D.,	.. .. .	City Hall, Montreal.
"	McMINN, T. J.,	.. .. .	Water Works, Toronto.
Feb. 3.	McNAB, W.,	.. .. .	G.T.Ry., Montreal.
"	MACCULLOCH, H.,	.. .. .	City Hall, Toronto.
"	McWOOD, W.,	.. .. .	G.T.Ry., Montreal.
June 9.	MACLEOD, M. H.,	.. .. .	Fenelon Falls, O.
" 25.	McMILLAN, D.,	.. .. .	Chelsea, P.Q.

Feb. 24. NASH, G. R., ... G.T.Ry., Montreal.

Jan. 20. O'HANLY, J. L. P., ... Ottawa, O.

" POOLE, H. S., ... Stellarton, N. S.,
(Member of Council).

" PETERS, H., ... St. John, N.B.

" PLUNKETT, E. W., ... Brockville, O.

" PARENT, E. H., ... Canal Office, Montreal.

" PETERSON, P. A., ... C.P.Ry., Montreal.
(Member of Council).

List of Members of

1887 Jan. 10. PERLEY, H. F., ... Dept. Pub. Wks., Ottawa.
(Vice-President).

Feb. 24. PATTON, J. N., ... 69 Baldwin St., Toronto.
" PRINGLE, T., ... 2439 N. Dame St., Montreal.
" PIM, J. P., B.A., C.E., ... Moosehead Lake, Greenville.
May 12. PAGE, J., ... Dept. of Canals, Ottawa.
June 25. PRATT, R. M., ... Winnipeg, Man.
1888 Jan. 6. PATERSON, J. A., ... Moose River P.O., Me. U.S.

1887 Feb. 24. QUIRK, E. P., ... Box 1497, Montreal.

1887 Jan. 20. RANNEY, G. W., ... Peterborough, O.
" RHEAUME, L. N., ... Morrisburg, O.
" ROBERTSON, G. E., ... Dickinson's Landing, O.
" REDPATH, F. R., ... Ontario av., Montreal.
" RUTTAN, H. N., ... City Hall, Winnipeg.
(Member of Council).

" RIDOUT, T., ... Dept. of Canals, Ottawa.
Feb. 3. RUST, C. H., ... City Hall, Toronto.
1888 " 24. ROBERTSON, W. F., B.A.Sc., .. Standard Buildings, Montreal.
" " ROSAMOND, J. E., ... Brighton, O.
Apr. 14. RHODES, A., ... 184 Mansfield St., Montreal.
May 12. ROGERS, R.B., B.A.Sc., ... Peterborough, O.
Sep. 17. RAMSEY, W. A., ... Algoma Mills.
Oct. 16. RUSSELL, W. R., ... Quebec.

1887 Jan. 20. SHEWEN, E. T. P., ... Cape Tormentine, N.B.
" STANTON, H. G., ... Ste. Anne de Bellevue, Q.
" SCOTT, W. L., ... Sorel, Q.
" ST. GEORGE, P.W., ... City Hall, Montreal.
(Member of Council).

" SHACKLETON, J. W., ... Chatham, O.
" SIMPSON, J., ... C.P.Ry., Montreal.
" SMITH, H., ... Crown Lands Dept., Toronto
" SNOW, W. B., ... Dept. Pub. Wks., Ottawa.
" SPROATT, C., ... City Hall, Toronto.
" SPROULE, W. J., ... Harb. Comm. Bg., Montreal
" STOKES, J. T., ... Box 509, Toronto.
" SURTEES, R., ... City Hall, Ottawa.

- 1887 Feb. 3. SYMMES, H. C., ... Niagara Falls, O.
 " " SMITH, A. H., ... G.T.R., Toronto.
 " 24. SCHREIBER, C., ... Dept. Railways, Ottawa.
 (Member of Council).
 " " SIMPSON, F., ... Winn, Me., U.S.
 " " SYKES, S. H., ... Rock Cr., Linn Co, Oregon U.S.
 " " STEWART, R. C., ... Hamilton, O.
 " " SHANLY, W., M.P., ... St. Lawrence Hall, Montreal.
 (Vice-President).
 A. Jan. 20 } STAUNTON, F. H. LYNCH, ... Hamilton, O.
 M. April 14, {
 May 12. SOMERVILLE, F. L. G.T.Ry., Peterborough, O.
 June 9. SCHAUB, J.W., ... Wayne House, Detroit.
 Sep. 17. SMITH, T. T. VERNON, ... 90 Bank St., Ottawa.
 1888 Feb. 9. SMITH, H. B., ... Vancouver, B.C.
 " STEWART, G. A., ... National Park, Alberta.
 " SUMMERFIELD, P., ... Victoria, B.C.
 A.M. 1887 Feb. 4 } STECKEL, L. J. R., ... Dept. Pub. Works, Ottawa.
 M. 1888 Feb. 9 {
 1887 Apr. 28. TATE, R. F., ... C.P.Ry., Sherbrooke.
 " TIMESWELL, A. T., ... Winnipeg, Man.
 May 12. TRUDEAU, T., ... Dep. Rys. & Canals, Ottawa.
 Sep. 17. TRUTCH, Hon. J. W., ... Victoria, B. C.
 1887 Nov. 11. UNIAKKE, R. F., ... Halifax, N. S.
 1888 Jan. 6. UNSWORTH, J. L., ... Charlottetown, P.E.I.
 1887 Nov. 11. VALLEE, L. A., ... Quebec.
 1888 Jan. 6. VAUTELET, H., ... C.P.Ry., Montreal.
 1887 Jan. 20. WHITE, T. H., ... Sherbrooke, Q.
 " WICKSTEED, H. K., B.A.Sc. Port Arthur, O.
 " WALBANK, W. McL., B.A. Sc. 214 St. James St., Montreal.
 " WALLIS, H., ... G.T.Ry., Montreal.
 (Treasurer).
 " WANKLYN, F. L., ... G.T.Ry., Montreal.
 " WISE, F. A., ... Dep. Rys. & Canals, Ottawa
 " WRAGGE, E., ... G.T.Ry., Toronto.
 Feb. 24. WEBSTER, G.H., ... Portage La Prairie, Man.
 " WILSON, J., ... Niagara Falls South, O.
 1888 Jan. 6 WILMOT, E. A., ... Sheffington, Q,

List of Associate Members of

ASSOCIATE MEMBERS.

(A. M. CAN. SOC. C.E.)

1887 Jan. 20.	ARCHBALL, H., B.A.Sc.,	.. ..	Durocher St.	1887
June 25.	AYLMER, H. B.,	.. ..	Greenville, Me.	
Oct. 16.	ALLISON, J. L.,	.. ..	Thorold, O.	
1887 Feb. 24.	BERLINGUET, T.,	.. ..	Three Rivers, Q.	
"	BURNS, D.,	.. ..	109 McCaal St., Toronto.	
June 9.	BANNISTER, H.,	.. ..	Fort Coulonge, Q.	
" 25.	BAKER, C. S.,	.. ..	P. O. Box 1085, Montreal.	
" "	BUSTEED, F. F.,	.. ..	Algoma Mills, O.	
1888 Feb. 9.	BOOTH, C. E. S.,	.. ..	Kingston, O.	
1887 Feb. 24.	CREWE, H.,	.. ..	Toronto.	
"	CROWLEY, C. J.,	.. ..	G.T.R., Toronto.	
"	CHALONER, C.,	.. ..	Dept. Pub. Wks., Ottawa.	
"	CAIRNIE, G. F.,	.. ..	Peterborough, O.	
Nov. 11.	COWIE, F. W.,	.. ..	Sorel, Q.	1888
Feb. 24.	DAVIS, W. M.,	.. ..	Woodstock, O.	
June 25.	DOWLING, D. B., B.A. Sc.,	.. ..	Geol. Survey, Ottawa.	1887
"	DREWRY, W. S.,	.. ..	Dept. of Interior, Ottawa.	
1887 Jan. 20.	FLEMING, S. H.,	.. ..	Ottawa, O.	1888
Dec. 1.	FOWLER, R.,	.. ..	London, O.	
1888 Jan. 6.	FORTIER, S., B.A.Sc.,	.. ..	Denver, Col.	
1887 Jan. 20.	GAUVIN, C. E.,	.. ..	Quebec.	1887
Feb. 3.	GARDINER, E.,	.. ..	St. Catharines, O.	
June 9.	GISHORNE, H.,	.. ..	Battleford, N.W.T.,	
" 25.	GIROUX, N. J.,	.. ..	Geol. Survey, Ottawa.	
" 25.	GUAY, J. F.,	.. ..	Montmorency Falls.	1887
1887 Feb. 3.	HODGINS, A. E.,	.. ..	Sherbrooke, Q.	
"	HOUGHTON, F.,	.. ..	Algoma Mills.	1887
"	HOOPER, G. R.,	.. ..	C.P.R., Montreal.	
" 24.	HECKMAN, J. W.,	.. ..	Grand Union, Ottawa.	
May 12.	HAYNES, J., Prof.,	.. ..	162 St. James St., Montreal	
June 25.	HALL, C. H.,	.. ..	Sault Ste. Marie, O.	A. A.M.

- 1887 Jan. 20. IRWIN, H., ... 103 Union Av., Montreal.
- 1887 Jan. 20. KENNEDY, J. H., ... St. Thomas, O.
June 25. KEELEY, D. H., ... Govt. Tel. Service, Ottawa.
- Jan. 20. LESAGE, T. W., B.A.Sc. Citv Hall, Montreal.
" LEONARD, R. W., ... Springhill, N. S.
Feb. 24. LANGUEDOC, G. de G., ... 162 St. James St., Montreal.
" LANTIER, E., ... Quebec.
June 25. LACKIE, A. R. T., ... 339 Wellesley St., Toronto.
" " LOW, A. P., B.A. Sc., ... Geol. Survey, Ottawa.
- Feb. 3. MACKAY, A., ... Victoria, B.C.
" 24. MORRIS, J. L., ... Pembroke, O.
" " MACKENZIE, J. H., ... Port Hawkesbury, N.S.
Jan. 20. McLEAN, A. J., B.A. Sc., ... P. O. Box 410 Brockville, O.
Feb. 2. McDUGALL, J., ... Thorold, O.
" 24. McDONELL, A., ... Chatham, O.
1888 Feb. 9. McINTYRE, J., ... Box 2017, Montreal.
- 1887 Feb. 3. ORD, L. R., ... Rosedale, Toronto.
" " O'HANLY, J. M., ... 352 Dale St., Ottawa.
May 12. OSTLER, C. H., ... Fort Coulonge, Q.
June 25. O'DWYER, J. S., B.A.Sc., ... Algoma Mills.
Oct. 16. OLIVER, S. S., ... Quebec.
1888 Jan. 6. ODELL, C. M., ... Port Hawkesbury. N.S.
- 1887 Jan. 20. PERRAULT, E. E., ... City Hall, Ottawa.
Feb. 24. PAPINEAU, L. G., ... St. Johns, P.Q.
" PARISEAU, L. S., ... St. Johns, P.Q.
May 12. PERRON, P. A., ... Campbellton, N.B.
- 1887 Feb. 3. RUSSELL, W. W., ... Port Arthur, O.
" 24. ROY, J. R. Bombay, Franklin Co., N.Y.
- 1887 Feb. 24. SHANLY, J. M., ... St. Lawrence Hall, Montreal.
June 25. SMITH, W. H. C., ... Geol. Survey, Ottawa.
Dec. 1. SMITH, C. B., B.A.Sc., ... St. Catharines, O.
A. 1887 May 12. } SKAIFE, W. T., B.A.Sc. .. 630 Sherbrooke, Montreal.
A.M. 1888 Feb. 9. }

List of Associate Members of

1887 Jan. 20. THOMPSON, R., ... C.P.Ry. Sherbrooke.
 " " TURNBULL, J., ... Perth, O.

Jan. 20. VANIER, J. E., ... 61 St. James St., Montreal.

1887 Feb. 24. WILDE, J. A., ... Smith's Falls, O.
 June 9. WILSON, H., ... Mount Forrest, O.
 " 25. WOODS, J. E., ... Aylmer, P.Q.
 1888 Feb. 9. WARREN, J., ... Kincardine, O.

.. .. .

ASSOCIATES.

(Assoc. C. Soc. C.E.)

- 1887 Feb. 24. ABBOTT, W., ... 55 St. Sulpice St., Montreal.
 April 28. ARMSTRONG, J. F., ... Campbellton, N.B.
- Jan. 20. BELL, DR. R., B.A. Sc., F.R.S.C., Geological Survey, Ottawa.
 April 14. BROWN, T. B., ... 14 Custom House Sq., Montreal.
- 1888 Feb. 9. BRLANGER, J. E., ... 132 St. James St., Montreal.
- 1887 Jan. 20. CHADWICK, F., ... 706 Sherbrooke St., Montreal.
 April 28. DAWSON, G.M., Ph.D., ... Geological Survey, Ottawa.
 Feb. 9. DRUMMOND, A. T., ... 265 University St., Montreal.
- 1887 Feb. 3. EADIE, G. W., ... 15 Drummond St., Montreal.
 Dec. 1. EVANS, N. N., B.A.Sc., ... McGill College, Montreal.
- Oct. 20. FARIBAULT, E. R., ... West Sheet Harbour, N.S.
- 1887 Jan. 20. LECKIE, R. G., ... Springhill, N.S.
 Nov. 11. LAWSON, G., ... Halifax, N.S.
- 1888 Feb. 9. McLENNAN, J. S., ... Sydney, C.B.
- 1887 Jan. 20. PECK, J., ... Ontario Av., Montreal.
- 1887 Jan. 20. REYNOLDS, F.H., ... 156 St. James St., Montreal.
 " 14. REAVES, G. R., ... 35 St. Frs.-Xavier, Montreal.
 " " RIELLE, J., ... 146 St. James St., Montreal.
 June 9. REID, R. G., ... Lachine.
 Sept. 17. RAINBOTH, G. C., ... Aylmer.
 " RAINBOTH, J. E., ... Aylmer.
- 1888 Feb. 9. RUSSEL, H., ... 2486 St. Catherine, Montreal.
- 1887 Jan. 20. TAYLOR, A. T., M.R. I. B.A., .. St. Frs.-Xavier St. Montreal.
 Apr. 15. TAYLOR, J., ... 16 St. John St., Montreal.

STUDENTS.

STUD. CAN. SOC. C.E.)

1887	Jan. 20.	ADDIE, G. K.,	.. .. .	Sherbrooke, Q.	
	Feb. 24.	ASHBRIDGE, W.,	.. .. .	Leslie P.O., Toronto.	
	"	APSEY, J. F.,	.. .. .	33 Elgin Co., Toronto.	
	May 12.	ANTLIFF, J. H.,	.. .. .	64 Windsor St., Montreal.	
	June 25.	AUSTIN, A. F. B.,	.. .. .	Thessalon, O.	1887
1887	Feb. 24.	BUCKE, M.A.,	.. .. .	286 Simcoe St., Toronto.	
	"	BROWN, D. B.,	.. .. .	Cornwall.	
	"	BOLTON, A. H.,	.. .. .	22 Spadina Av., Toronto.	
	"	BURNS, J. C.,	.. .. .	Kirkton, O.	
	Jan. 20.	BALL, J. P., B.A.Sc.,	.. .. .	Charlottetown, P.E.I.	1887
	"	BERTRAND, J.T.,	.. .. .	Dep. Pub. Wks., Ottawa.	
	Apr. 28.	BROOKE, N. E.,	.. .. .	Sherbrooke, P.Q.	
	June 25.	BELCHER, W. S.,	.. .. .	Peterborough, O.	
1887	Jan. 20.	CHILDS, A. E.,	.. .. .	176 Mountain St., Montreal.	
	Feb. 24.	CARLYLE, W. A., B.A. Sc.	.. .. .	Woodstock, O.	
	"	COLQUHOUN, W. E.,	.. .. .	University Coll., Toronto.	
	"	CHALMERS, W. G.,	.. .. .	70 Hazleton Av., Toronto.	
	"	CLEMENT, W. A.,	.. .. .	Niagara, O.	1888
	"	COYLE, J.,	.. .. .	259 Church St., Toronto.	
	Apr. 15.	CARMICHAEL, W. J.,	.. .. .	Longueuil, Q.	1887
	"	CHAPERON, L. H.,	.. .. .	Murray Bay, Q.	
	May 28.	CARTWRIGHT, C. E.,	.. .. .	Fort Coulonge, Q.	
	Nov. 11.	COTE, J. H.,	.. .. .	Les Eboulements.	
1887	Jan. 20.	DRUMMOND, A. L.,	.. .. .	864 Sherbrooke St., Montreal	
	Apr. 14	DOANE, F. W. W.,	.. .. .	Halifax, N.S.	
	June 25.	DAWSON, G. H.,	.. .. .	Quebec.	
	" "	DIMOCK, A. H., C. E.,	.. .. .	Port Hawkesbury, N.S.	
1888	Jan. 6.	DENISON, W. S.,	.. .. .	Denison's Mills, Q.	1888
1887	Jan. 20.	ENEAS, A. G.,	.. .. .	5 Morland St., Montreal.	1887
	Jan. 20.	FORNERET, V. F. W.,	.. .. .	Berthier, P.Q.	
	Feb. 24.	FORBES, C. W.,	.. .. .	Peterborough, O.	
	"	FAWELL, J. H.,	.. .. .	21 Elm St., Toronto.	
	June 9.	FITZGERALD, J.,	.. .. .	Peterborough, O.	
	Nov. 4.	FELLOWES, F. H.,	.. .. .	Belleville, O.	
1888	Feb. 9.	FRASER, W. F.,	.. .. .	Pembroke, O.	1888
1887	Feb. 24.	GIBBONS, J.,	.. .. .	Renfrew, O.	
	Jan. 20.	GREEN, C.,	.. .. .	Newboro', O.	

1887	Jan. 20.	HOPKINS, M. W.,	.. .. .	McGill Coll., Montreal.
	Feb. 24.	HAULTAIN, H. E. T.,	.. .. .	Peterborough.
	"	HANNING, G. F.,	.. .. .	135 Bloor St., Toronto.
	Apr. 14.	HUNTER, R. E.,	.. .. .	Sorel, Q.
	May 28.	HAMEL, J. N. A.,	.. .. .	Murray Bay, Q.
	June 25.	HENDERSON, E. E.,	.. .. .	Brownville, Me., U.S.A.
	"	HERSEY, M. L.,	.. .. .	Pillow, Hersey & Co., Mont.
1887	Feb. 24.	IRVINE, J.,	.. .. .	Harriston, O.
	Jan. 20.	JONAH, F. G.,	.. .. .	Tatamagouche, N.B.
	June 25.	JENNISON, W. F.,	.. .. .	Walton, N. S.
	Nov. 11.	KILGOUR, H. W. H.,	.. .. .	Fort Coulonge, Q.
1887	Jan. 20.	LEA, S. R.,	.. .. .	Crapaud, P.E.I.
	Feb. 24.	LOIGNON, A.,	.. .. .	24 St. Augustin St., Montreal.
	"	LOIGNON, E.,	.. .. .	24 St. Augustin St., Montreal.
	"	LEASK, J. L.,	.. .. .	388 Church St., Toronto.
	"	LOTT, A. E.,	.. .. .	80 Darey St., Toronto.
	June 9.	LOCKE, R. T.,	.. .. .	Halifax, N.S.
	" 25.	LOUGH, W. H.,	.. .. .	Harbour Office, Montreal.
	Sept. 17.	LEWIN, H. O. S.,	.. .. .	292 Nelson St., Ottawa.
	Dec. 1.	Lovelace, E. S. M.,	.. .. .	McGill College, Montreal.
1888	Feb. 9.	LAFFERRIERE, J. A.,	.. .. .	Ottawa College, Ottawa.
1887	Jan. 20.	MOONEY, G. H.,	.. .. .	38 Victoria St., Montreal.
	"	MACNUTT, C. H.,	.. .. .	McGill College, Montreal.
	Feb. 24.	MOORE, J. H.,	.. .. .	44 Cecil St., Toronto.
	"	MICKLE, G.,	.. .. .	Queen's Park, Toronto.
	"	MURRAY, R. W.,	.. .. .	Rossmore, O.
	"	MATTICE, C. D.,	.. .. .	Kincardine, O.
	"	MARAIN, C. J.,	.. .. .	29 Avenue St., Toronto.
	"	MARTIN, F.,	.. .. .	4 Walton St., Toronto.
	"	MILL, F. X.,	.. .. .	Toronto, O.
	Dec. 1.	MATTICE, E. E. S.,	.. .. .	Cornwall, O.
1888	Jan. 6.	MIDDLETON, P. H.,	.. .. .	McGill Coll., Montreal.
1887	Jan. 20.	MCCARTHY, J. M.,	.. .. .	Sorel, Q.
	"	MCLENNAN, M. J.,	.. .. .	Williamstown, O.
	"	MCFARLANE, M. C.,	.. .. .	Almonte, O.
	"	McKENZIE, C. P.,	.. .. .	Danville, Q.
	Feb. 24.	MCDOWELL, R.,	.. .. .	Owen Sound, O.
	"	MCFARLEN, G. W.,	.. .. .	196 Elizabeth St., Toronto.
	Apr. 28.	MCGREGOR, J. H.,	.. .. .	174 Mountain St., Montreal.
	Oct. 16.	McMASTER, F.,	.. .. .	28 Oxford St., Toronto.
1888	Feb. 9.	McMILLAN, N. J.,	.. .. .	McGill College, Montreal.
	"	McCOLL, R.,	.. .. .	New Glasgow, N.S.
	"	MCDONALD, J. Y.,	.. .. .	Ottawa Coll., Ottawa.

List of Students.

1887 Apr. 14.	NAISMITH, P. L.,	.. .. .	Pembroke, O.
Jan. 20.	PALMER, R. E.,	.. .. .	1220 Mich. av., Chicago, U.S.
Feb. 24.	PINHEY, C. H.,	.. .. .	Willowdale, Co. York, O.
"	PEAKE, C. H.,	.. .. .	27 Isabella St., Toronto
"	PETERSON, C. E.,	.. .. .	20 Buchanan St., Toronto.
June 25.	PRAT, R.,	.. .. .	Kentville, N.S.
1888 Feb. 9.	PEARSE, T. E. E.,	.. .. .	Peterborough, O.
1887 Jan. 20.	REDPATH, P. W.,	.. .. .	1065 Sherbrooke St., Montreal
"	REED, C. B.,	.. .. .	232 Stanley St., Montreal.
"	RINFPET, R.,	.. .. .	St. Stanislas de Batiscan, Q.
Feb. 24.	RITCHIE, N. T.,	.. .. .	259 Church St., Toronto.
"	ROY, F. X. A.,	.. .. .	McGill Coll., Montreal.
"	ROGER, J.,	.. .. .	88 Darcy St., Toronto.
"	ROSE K.,	.. .. .	Dunbar, O.
"	RICHARDSON, G. H.,	.. .. .	46 St. Joseph St., Toronto.
Apr. 28.	RAMSAY, H. M.,	.. .. .	Cote St. Antoine, Montreal.
June 25.	REID, W. M.,	.. .. .	478 Guy St., Montreal.
Sept. 17.	ROBERTS, V. M.,	.. .. .	St. Catharines, O.
1888 Jan. 6.	RUSSEL, H. Y.,	.. .. .	McGill Coll.
Feb. 9.	RUSSELL, T. S.,	.. .. .	Fort Coulonge, Q.
1887 Feb. 24.	SHILLINGLAW, W. H.,	.. .. .	107 McCaul St., Toronto.
Apr. 28.	SIMARD, O.,	.. .. .	701 St. Catherine St., Montreal.
Dec. 1.	SARGENT, C. D.,	.. .. .	Wallace, N.S.
"	STRONG, A. W.,	.. .. .	McGill Coll., Montreal.
1888 Feb. 9.	SMITH, G. S.,	.. .. .	Petitcodiac, N.B.
1887 Jan. 20.	TUPLIN, T. B.,	.. .. .	New Annan, P.E.I.
"	TREMBLAY, A. J.,	.. .. .	St. Roch des Aulnets, Q.
"	TAYLOR, D.,	.. .. .	1220 Mich., av., Chicago, U.S.
1888 Feb. 9.	THOMPSON, W. C.,	.. .. .	Moncton, N.B.
"	TYRRELL, H. G.,	.. .. .	Greenville, Me., U.S.
1887 Jan. 20.	WHITE, F. W.,	.. .. .	Militia Dept., Ottawa.
Feb. 24.	WICKETT, T.,	.. .. .	80 Henry St., Toronto.
"	WILKIE, G.,	.. .. .	270 Wellington St., Toronto.
"	WILSON, C. H.,	.. .. .	11 Grenville St., Toronto.
"	WRIGHT, C. H. C.,	.. .. .	316 Bathurst St., Toronto.
"	WILLIAMS, M.,	.. .. .	McGill Coll., Montreal.
1888 Feb. 9.	YOUNG, A.,	.. .. .	McGill College, Montreal.

APPENDIX.

FORM A.

The Canadian Society of Civil Engineers.

The proposal for MEMBER, ASSOCIATE-MEMBER, ASSOCIATE, or STUDENT shall contain a statement, over the *candidate's signature*, of his *age, residence*, the nature and term of his *professional service*, and that he will conform to the requirements of membership if elected.

STATEMENT.

I _____
residing at _____
being desirous of admission into the Canadian Society of Civil Engineers, beg to submit the following as my professional record.

I was born at _____ on _____ 18

The Candidate must here insert a concise history, with dates, of his professional career, specifying the positions he has held, the nature and extent of the works upon which he has been engaged, and his present profession or occupation. Proper names and names of railroads must be written in full.

I will conform to the requirements of the class to which I may be elected.

(Signature) _____

(P. O. Address) _____

Date _____ 18

On the grounds stated, and because WE BELIEVE HIM FROM PERSONAL KNOWLEDGE to be in ALL RESPECTS A PROPER PERSON to be admitted into the Canadian Society of Civil Engineers, WE HEREBY RECOMMEND FOR ELECTION

Mr. _____ of _____

To be signed by at least five Corporate Members of the Canadian Society of Civil Engineers.

(One signature sufficient for Student.)

FORM B.

The Canadian Society of Civil Engineers.

The proposal for TRANSFER FROM ONE CLASS TO A HIGHER shall Contain a statement, over the *candidate's signature*, of his *age, residence*, the nature and term of his *professional service*, and that he will conform to the requirements of the class to which he may be transferred.

STATEMENT.

I
 residing at
 being a
 of the Canadian Society of Civil Engineers, beg to submit the following as my
 professional record, and request to be transferred to the class of

I was born at on 18

The Candidate must here insert a concise history, with dates, of his professional career, specifying the positions he has held, the nature and extent of the works upon which he has been engaged, and his present profession or occupation. Proper names and names of railroads must be written in full.

I will conform to the requirements of the class of

(Signature)

(P. O. Address)

Date 18

On the grounds stated, and because WE BELIEVE HIM FROM PERSONAL KNOWLEDGE to be properly qualified in ALL RESPECTS, WE WHOSE NAMES ARE HEREUNTO SUBSCRIBED SUBMIT to the Council of the Canadian Society of Civil Engineers the PROPRIETY OF TRANSFERRING FROM THE CLASS OF TO THE CLASS OF

Mr. of

To be signed by at least five Corporate Members of the Canadian Society of Civil Engineers.

FORM C.

The Canadian Society of Civil Engineers.

MONTREAL,

188

Sir, I have the honour to inform you that, having been proposed by Messrs.

you were duly elected

of THE CANADIAN SOCIETY OF CIVIL ENGINEERS, on the

day of

According to the Regulations of the Society, you are required as to pay \$ being your subscription for the current year, and to return the accompanying Form D., with your signature within three months of the date of your election; otherwise your election will be cancelled. These conditions being complied with, you will be considered as admitted into the Society, when any publications or notices to which you are entitled will be forwarded according to your directions.

I beg to call your attention to Section 26 of the By-Laws.

I am, Sir,

Yours, &c.,

Sec.-Treas.

FORM D.

The Canadian Society of Civil Engineers.

I, the undersigned, being elected of THE CANADIAN SOCIETY OF CIVIL ENGINEERS, agree to be governed by the Charter and By-Laws of the Society. I will promote the objects of the Society as far as shall be in my power, and attend the meetings thereof as often as I conveniently can. Provided that whenever I shall signify in writing to the Secretary for the time being, that I am desirous of withdrawing my name therefrom, I shall (after the payment of any arrears which may be due by me at that period) be free from this obligation.

I also engage to present to the Society an original Communication, a drawing, plan, or model of engineering interest, or some scientific work for the library, within the space of twelve months from the date of my election.

Signature _____

P. O. Address _____

Date _____ 18 _____

rs.

OTHER shall
sidence, the
rm to the

ing as my

18

his profes-
tent of the
ccupation.

18

PERSONAL
MES ARE
o of Civil

a Society